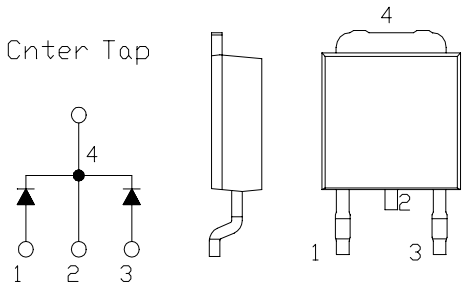
查询EA61FC6-F供应商

Nihon Inter Electronics Corporation

FRD Type : EA61FC6-F

OUTLINE DRAWING



FEATURES

* TO-252AA Case, Surface Mounting Device
* Packaged in 16mm Tape and Reel
* Ultra – Fast Recovery
* Low Forward Voltage drop
* Low Power Loss
* High Surge Capability
* 200 Volts thru 600 Volts Types Available

Maximum Ratings

Approx Net Weight:0.30g

Rating		Symbol	EA61FC6-F			Unit
Repetitive Peak Reverse Voltage		V_{RRM}	600			V
Average Rectified Output Current	P.C.Board mounted *	I_O	1.4	Ta=26°C	50Hz Full Sine Wave Resistive Load	A
	-		6.0	Tc=100°C		
RMS Forward Current		$I_{F(RMS)}$	6.66			A
Surge Forward Current		I_{FSM}	45	50Hz Full Sine Wave,1cycle, Non-repetitive		A
Operating JunctionTemperature Range		Tjw	- 40 to + 150			°C
Storage Temperature Range		Tstg	- 40 to + 150			°C

Electrical • Thermal Characteristics

Characteristics		Symbol	Conditions	Min	Typ	Max	Unit
Peak Reverse Current		I_{RM}	Tj=25°C,V_{RM}=V_{RRM} per Arm	-	-	20	μA
Peak Forward Voltage		V_{FM}	Tj=25°C,I_{FM}= 3 A per Arm	-	-	1.7	V
Reverse Recovery Time		trr	I_{FM}= 3 A, -di/dt= 50 A/μs, Ta= 25°C	-	-	35	ns
Thermal Resistance	Junction to Ambient	Rth(j-a)	P.C.Board mounted *	-	-	80	°C/W
	Junction to Case	Rth(j-c)	-	-	-	5	°C/W

* Print Land = 20x20 mm

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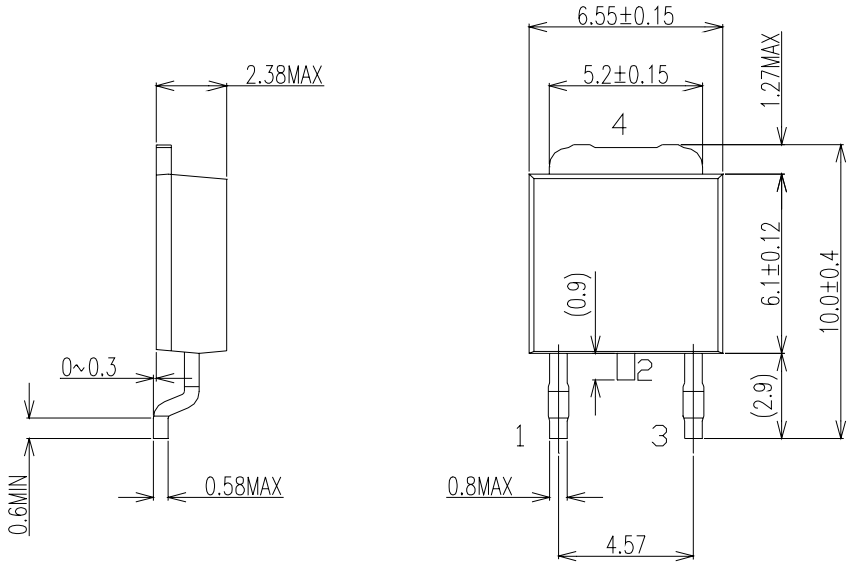
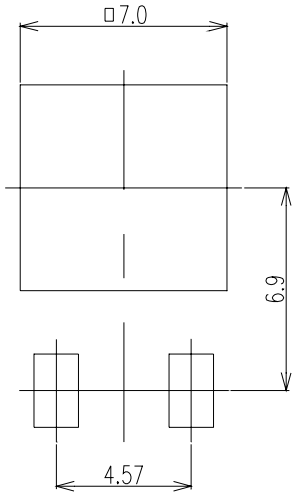
EA61FC6-F OUTLINE DRAWING (Dimensions in mm)



SOLDERING PAD



Cnter Tap